Addendum No. 1

Inquiries and Responses

RFP Solicitation No. 3000000132

Traffic Data Management Services

Statewide

1. Will the system be required to store all the data or only the summary data? For example Traffic Counters provide traffic counts by lane. Normally this traffic count is summarized and stored by direction and by polling site. Are we required to save all the data: vendor format, decoded vendor format, and summarized data?
   Response: Only summarized data will be required for viewing. Detailed information for ATR stations will need to be available (i.e. by lane, by hour).

2. How many years of traffic data should be kept online and readily available? Normally only a few years' worth of data is required to perform monthly and end of year processing. Could 'old' data be kept off-line and restored in case a study requires it?
   Response: At least 3 years of data available online. Old data can be kept offline.

3. Does the Integrated GIS solution need to be based on ESRI? Since all that is needed is a map depicting location of traffic polling sites; is a custom, minimal GIS solution or Google Maps acceptable?
   Response: DOTD uses ESRI software for its GIS needs. Custom GIS solutions are acceptable as long as there is a method of exporting the data or creating a geodatabase for use in an ESRI mapping environment.

4. Can the vendor provide custom software to be run on department owned PDAs for the purpose of uploading and downloading data from the system?
   Response: Yes.

5. In addition to the support response in section 1.3.4, will the department require a help-desk for this system? Can this be implemented as a call number? Does it need to be 24/7?
   Response: A call number is acceptable for support response. It should be available during normal DOTD work hours (M-F, 6 am – 4:30 pm CST).

6. To provide functionality in case of emergency situations can vendor host the system in a secured data facility located anywhere in the country?
   Response: Yes.

7. To reduce cost and provide system redundancy can different portions of the system be hosted in different geographic locations? (Access to the system will always be through the same web interface)

Response: Yes.

8. To reduce cost, is vendor allowed to provide just the computing capacity that gets the daily and monthly tasks accomplished and add computing capacity only when needed? (i.e. add capacity during a special study or End-of-the-Year processing)
   Response: Yes.

9. Will the department require the vendor to provide a backup copy of all traffic data from time to time? What interval? What physical format? What data format? (Can vendor specify the format and provide the tools to decode the data?)
   Response: An annual backup of traffic data is desirable. Vendor can specify format and provide tools for decoding.

10. The RFP specifies only 20 simultaneous public users. Is this expected to change? Are portions of the web site going to be made available to the public in general?
    Response: Portions of the web site will eventually become available to the general public. The number of users could change and would be modified based on web site traffic.

11. Will there be occasions when will the polling sites be required to be polled in intervals of less than 24 hours?
    Response: Not under normal conditions. There have been instances where hourly traffic updates have been requested, such as emergency hurricane evacuations.

12. To reduce cost, if a traffic counter can store data for more than a day, can data be polled every few days instead of every night?
    Response: Yes, weekly polling is the standard now.

13. Do APIs exist for the following data sources?

    a. PEEK

    b. IRD

    c. Diamond

    d. TimeMark

    Response: DOTD does not have API code for this equipment. The vendors will need to be contacted to acquire.

14. What is meant by traffic data collection site management?

    Response: This refers to the management of traffic station identification and reference.

15. What is meant by data workflow management?

    Response: This refers to part of the quality check for incoming data. The data can be presented onscreen and actions can be taken to edit. Data workflow errors found during polling could be due to equipment malfunction, which would need attention.

16. Have you selected a web-based tool for implementation?

    Response: No.

17. What is the approximate size of raw data per year?

    Response: Unknown at this time.
    Data is collected on approximately;
    60 ATR (continuous, polled weekly)
    1,700 Routine Counts (48 hour)
    5,000 Blanket Counts (locals, 48 hour)
    1,300 Classifications
    33 portable WIM

18. What communication technologies are in place for polling (i.e., IP,modem-based)?

    Response: Both

19. What is the desired frequency of auto-polling?

    Response: Weekly

20. Approximately how may devices will be polled by type (ATR, AVC, WIM) and manufacturer?

    Response: Approximately 60 ATR sites (PEEK ADR 1000). Possibility of adding polling for future permanent WIM sites (IRD?).

21. How are section lengths linked to traffic count sites for VMT calculation?

    Response: Section lengths are stored in the highway inventory file.